

Converting Colors

Hex(4B8585)

Have a look what the booklet for
Hex(4B8585) contains.

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Color

Hex(4B8585)

Conversions

Conversions Part 1

Format	Color
Hex	4B8585
RGB	75, 133, 133
RGB Percent	29%, 52%, 52%
CMY	0.7059, 0.4784, 0.4784
CMYK	0.44, 0.00, 0.00, 0.48
HSL	180°, 28%, 41%
HSV	180°, 44%, 52%
XYZ	15.5228, 19.9644, 25.2257
YIQ	115.6580, -34.5680, -12.2960

Conversions

Conversions Part 2

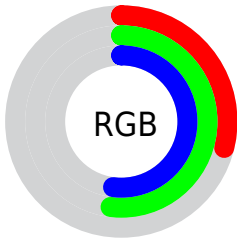
Format	Color
RYB	75, 104, 133
Decimal	4949381
CIELab	51.80, -18.92, -5.94
CIELCh	52, 19.835, 197.439
Yxy	19.9644, 0.2557, 0.3288
Android (android.graphics.Color)	4283139461 (0xFF4B8585)
YUV	115.6580, 8.5496, -35.6571
Hunter-Lab	44.6815, -16.1799, -2.1961

Details

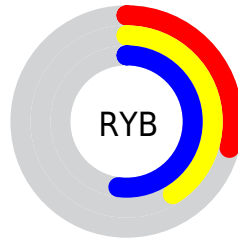
The Hex color **4B8585** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **854B4B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **80BABA**, and **145354** is the 20% darker color. If you saturate the color by 10%, you get **3E8585**, and if you desaturate by 10%, it is **588585**.

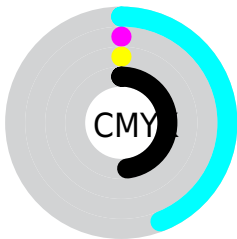
Distribution



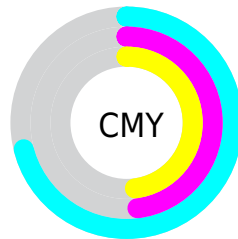
- Red (29%)
- Green (52%)
- Blue (52%)



- Red (29%)
- Yellow (41%)
- Blue (52%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8585 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4B8585 by changing the saturation by 10% instead.



4B8585



4B8585

FFFFFF



316C6C



80BABA



145354



9BD6D6



003C3D



B6F3F2



002627



D3FFFF



000D12



FFFFFF



000000



4B8585



4B8585



3E8585



588585



308585



668585

■ 238585

■ 738585

■ 168585

■ 808585

■ 088585

■ 8E8585

■ 008585

■ 9B8585

■ A88585

■ B58585

■ C38585

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



588574



4B8585



4C8394

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4B8585



8A7493



8F785B

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4B8585



854B4B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9A7363



4B8585



997083

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4B8585



757A9C



9E6F72



7E7E5B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4B8585



56819A



9E6F72



93765D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4B8585



97ADAD



4B854B



495757



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4B8585



53ADAD



4B6885



3C4242



008282



000303

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



854B85



AD53AD



85684B



423C42



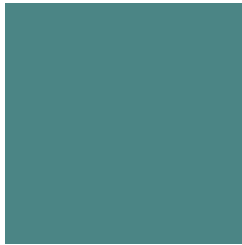
820082



030003

Previews

White Background



This preview shows how the Hex color 4B8585 looks on a white background.

Color Contrast Check

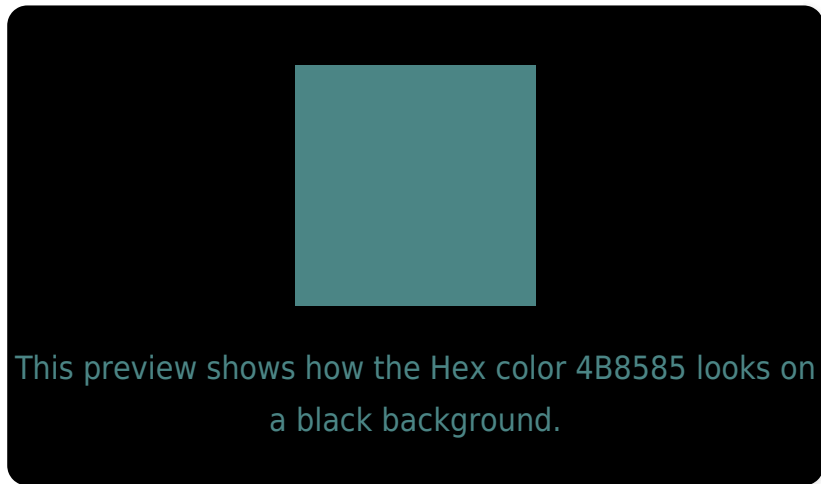
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

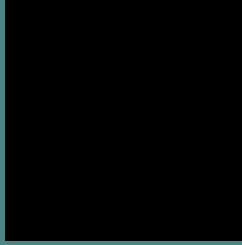
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

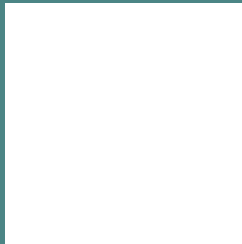
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4B8585 Background



This preview shows how black text looks on a background with the Hex color 4B8585.

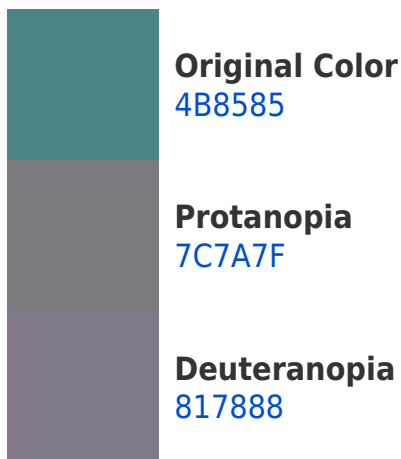


This preview shows how white text looks on a background with the Hex color 4B8585.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
4E848E

Trichromacy



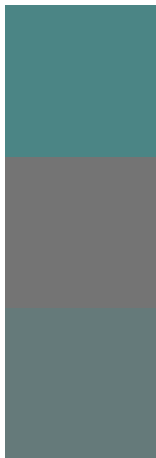
Original Color
4B8585

Protanomaly
6A7E81

Deuteranomaly
6D7D87

Tritanomaly
4D848B

Monochromacy



Original Color
4B8585

Achromatopsia
747474

Achromatomaly
657A7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8585 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4B8585 looks like.

```
.text, #text, p{  
    color:#4B8585  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4B8585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8585
}
```

Border

The CSS property to change the border of an element to Hex 4B8585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B8585 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4B8585 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4B8585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8585; -webkit-box-shadow:4px 4px  
4px 4px #4B8585; box-shadow:4px 4px 4px  
4px #4B8585 }
```

Background

The CSS property to change the background color of an element to Hex 4B8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8585 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4B8585 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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